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THE JACG NEWSLETTER

JACG

THE JERSEY ATARI COMPUTER GROUP

OCTOBER 1991

VOLUME 11 NUMBER 8

FROM THE EDITOR'S DESK

THE ATARI 8-BIT, 1979-1991, R.I.P.

Well, it's been a grand and glorious time but after a long illness, the deed becomes official with next month's Chicago AtariFest. That's when Atari Corporation will be selling all remaining warehouse stock of anything related to the Atari 8-bit machines and washing their hands of all future responsibility of having anything to do with the Atari 8-bit machines that made them a computer company in the first place.

What with ICD dropping all of their 8-bit line at the same time, you basically have the last two remaining sources for new Atari 8-bit commercial products giving up the ghost. Sure, there are still retail re-seller outlets like B&C Computervisions, but for the most part, any new commercial products are going to come out of backroom and basement operations that would have public domain magazine software a couple of years ago.

Of course, even when no commercial support was available, people could count on their local users group to keep the word alive. But when a group's BBS has been down six months and counting (yeah, yeah, sure it will be up this month) and half the year's newsletters have never been sent out to the membership, us die-hard 8-bitters are left to just pay our respects in private, alone, at the passing of this one-time leading vanguard of home personal computers. Like I say, it was one hell of a ride though!

IN THIS ISSUE ...

- 3 Presidential Ponderings II - J. Kennedy
- 3 8-Bit VP's Report - D. Arlington
- 4 8-Bit PD Librarian's Report - S. Cory
- 5 September Meeting Notes - J. Hicswa
- 6 Announcements and 8-Bit DOM - J. Hicswa
- 7 Public Domain Sources - E. Salvesen
- 8 Tet - Tricks - E. Salvesen
- 10 ... Noise From The 16-Bit VP - D. Noyes
- 11 ... 16-Bit PD Librarian's Report - J. Dean

CALENDAR OF EVENTS

NEXT MEETING:

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GENERAL FEATURE

PRESIDENTIAL PRONDERINGS II

by Joe Kennedy, JACG

Buenos Dios Amigos! That's just my way of saying I hope this is not too late for the newsletter since I just got back from Mexico City.

I have some news on the BBS. The new number is (or I should say will be) 690 - JACG. Will be because the ST is not working properly and will only be ready to go after the meeting in October. But then we should have the BBS again!! Finally!!!

One more reason for having a modem in your system. ABBUC, the German 8-bit club I belong to, wanted to have a Black Box for the club. A new one is quite expensive so they would prefer a used one. When we found out about it here in the US, it was just two weeks before Horst, the other ABBUC member in the New York area, was to leave for the ABBUC October meeting in Germany. So I called up Stan Lowell's BBS - Blank Page - and posted a message in the Wanted To Buy message base. Within a couple of days there was an answer with an offer from Florida. The BB was shipped by UPS and arrived in more than enough time to make the trip to Germany. By the way if you're interested the number for Blank Page it is 908-805-3967. And here is a biased plug - CALL IT - you'll find it has something for everybody.

ELECTIONS -- October is the month for nominations. If you want to run for an office and have nobody to nominate you just let me know I'll be happy to do it for you. Remember the JACG is your club and therefore it is only what you make it! So run for an office and make it yours.

More of the decline of the 8-bit Ataris. It looks like ICD will be selling off their 8-bit product lines. Unfortunately there's not much left out there for the 8-bit users but the users

groups.

Til next month Happy Computing!!

8 - BIT FEATURE

8 - BIT VICE PRESIDENT'S REPORT *by Dave Arlington, 8-bit VP, JACG*

I want to open this month's column with a past and present THANK YOU.

The first THANK YOU goes to Ron Fetzer of Elmont, NY who travelled all the way to our October meeting to demonstrate TURBO BASIC and structured programming with TURBO BASIC. Thanks, Ron, for travelling all this was to share your knowledge with us.

Secondly, I would like to say a VERY BIG THANK YOU to all the children and parents who made our September Family Meeting a big success. I think all the children and all the adults had a grand old time. It looked a little rocky for awhile since no one had bothered to arrange for the refreshments that were supposed to be there and the grand prize we were giving away never showed up. Luckily, everything worked out for the best for two reasons. First, like has happened in the past, backbones of the club like John Dean and Dave Noyes came through in the clutch even when someone else had made the promises. And secondly, the kids were just FANTASTIC!! It was a day of sharing and learning and fun and being nice to each other. Every single kid got their turn in the spotlight and used it like a pro! Thanks, kids!!

Well, since I talked about the 8-bit on the Editor's Page, let me use this space for some newsletter information. A month or two ago, when I said I was not going to run for any office of the club this coming year, someone asked if that meant I was going to giving up the newsletter. At the time, I said no but upon further contemplation, I will be looking for someone to take over the reigns of the JACG Newsletter no later than the

January 1992 issue.

Although I was very disappointed in the fact that half of my (and everyone else who wrote for us) hard efforts went unseen for most of the year due to the mailing problems, the main reasons I am passing the job onto someone else really has nothing to do with the job itself. As mentioned previously, I will be entering my final semester of school this spring and do not want too many outside distractions. Also, I want to turn my attentions, beginning in the new year, to another newsletter/fanzine project that will be less deadline oriented and one that I will have direct distribution control over.

I feel it is a good time to turn it over, timing-wise as well. If a 16-bitter takes it over, there are many great new desktop publishing packages for the ST that could really give the JACG newsletter a professional appearance. On the other hand, if an 8-bitter takes over, especially for someone with PaperClip, the newsletter has become a fairly automated proposition and you would get use of the club's 24-pin printer as part of the bargain. Anybody interested in the position of Editor of the newsletter should feel free to contact me.

8 - BIT FEATURE

8 - BIT PD LIBRARIAN'S REPORT

by Sam Cory, 8-bit PD Librarian, JACG

Another month and another byte out of the 8-bit. Taint much left but you and me. The latest is the ATARI Chicago Fest in November 23, 24. ATARI is a major part of this projected event. They plan to clear out their warehouses of 8-bit material and sell it off to anyone at the show. It does represent a real chance for bargains. Most sellers in that condition do not want to take material home and at the end of the show will probably have big reductions. I imagine our other major suppliers: B C Computervision; and TV Technivision

(I did not check names) will gobble up lots. The cracks in the seams are splitting fast. Show is at O'Hare Airport.

I hate to divert from the 8-bit but this deal for our PC oriented members is too good. DAK is a mail order catalog. I get it and one of our members does too. He purchased this item and says it works well. DAK is selling a plug in card containing a 2,400 baud modem, 9,600 baud fax, and a voice mail system for 999 private mail boxes. All for \$299.

Now as to last months message about the newsletters. NOTHING IS NEW. Neither the Ol Hackers or I have received any of our back issues. Gary Gorski, where are you? I have received the JULY issue. Thanks to Mike. If he sent the August Newsletter I still do not have it. My post office has a way of losing my stuff. It has already cost me \$100 in overdrawn checks. Maybe I am treating Gary unfairly. If so, please accept my appologies. This still does not account for why Ol Hackers have not gotten theirs. Election time is coming up. Who wants to be one of next year's officers? I am most happy to continue as 8-bit librarian, but no other office.

We have good news. Ron Fetzner of Ol Hackers will be presenting his new Turbo Basic at our meeting. This is our next month 3 disk DOM at \$6. You will get a tutorial on programming, and the fastest execution of Basic files possible. A real treat. Wish I could be there but my total hip replacement of October 14 will not allow. Ron is one of the last programmers in the area. Kris Holtegaard has finally realised there is no place for him. He tried hard to make files you would like, but scarcely anyone purchased. He will work with us and Ol Hackers because he feels tied to us. Otherwise, his efforts are for PCs where people will buy his efforts. It makes me mad to see you kill my love, the 8-bit.

This month we will go as normal

with Ol Hackers Sept/Oct 1991 as the Disk of the Month. If you have an interest in 8-bit I know you will want the Ol Hackers disk. Two files are important: Why Not IBM; BITBYTER Sond.#9. The demo is as usual very good. Joe Hicswa will give you his best hints. Listen up all.

SAM CORY
18 GLEN VIEW LANE
P O BOX 368
BLAIRSTOWN, N.J. 07825
1-908-362-5474

GENERAL FEATURE

SEPTEMBER MEETING NOTES by Joseph E. Hicswa, JACG

September JACG meeting attendees were a medley of children, proud parents, grandparents, aunts, uncles and those who wished we brought kids with us.

Following named children were there.

BRIAN and ERIN DEAN, grandchildren of Librarian John Dean. Brian, six years old, is in 1st grade. He plays SUPER MARIO BROTHERS II & III. Sister ERIN, 8 years old, prefers Ducktales.

DAVID LOWELL, age 6 came with his dad Stan. Dave has a LYNX. He likes Road Blaster, Elelctrocop, & Calif. Games.

ROBERT (Bob) ZOPPI JR. (6 yrs) and his sister CHRISTINE (8 yrs) came with Dad, Bob Sr. They enjoy an ATARI 800XL and a Nintendo to play ZELDA, TETRIS, HARD HAT and SUPER MARIO BROS III.

PATRICK ARLINGTON (age 3) and brother MICHAEL (7) arrived with mother Cathy and dad, Editor/8-bit VP David. (Cathy Arlington, accompanied by Mrs. Sue Noyes, served cookies and soda to the children who just relished it. Mrs. Noyes is charming wife of David who is our 16-Bit vice president.)

CHERYL SMACK (age 11) was with her dad David. Cheryl has an ATARI 800XL; she plays PAC MAN & RIVER RAVE.

MARC DENTON (12) was with his father Robert (Bob). Marc plays TEST DRIVE & HARD DRIVIN on the family ST. In school he is learning to type on a computer.

JOSHUA DENTON (9) prefers FIRE, FORGET and DUNGEON MASTER II.

RAYMOND (12), a friend of the Dentons, likes X-MEN II and TETRIS.

The EVANELLO children, CHRISTINA (10) and MATTY (8) were guests of grandpa Dan Bair. The children later demo'd GONE FISHING. It was a door prize Mr. Bair received at a previous meeting.

RICHARD CASTLE (5) arrived with sister MILISSA and their mother Susan. Those youngsters enjoy HANGMAN, POTATO HEAD and GRID MIXUP which Susan purchased from our club library and flea market. The children demo'd POTATO HEAD.

MILISSA CASTLE was celebrating her 8th Birthday. We sang and wished a HAPPY BIRTHDAY to that demure little girl.

JOSEPH (10) and 8 years old ELIZABETH (LIZZY) MARQUES came with Uncle Edward (ED) Salvesen. They play PACMAN and DIGDUG on ATARI 800.

Mrs. Britt of East Orange brought six children: YAZID 4, KAMI 7, ALBENA 8, MITCHELL 8, JUMA 9, and ZAHIR 10. They're still learning to use the ST.

During flea market period the children romped about gleefully. They freely filled the air with cheery, youthful sounds. It was a good happiness to see and hear them. They create joy.

Flea market tables contained bargain-priced wares. Many buyers were glad they came. There was a 520ST system for \$175; a 130XE for \$50. Flea

market items may be seasoned, but they still perform admirably and are affordably available.

While strolling past goody tables, Mr. Phil Greenhut told me that 1st Xlent Software has a new number: 703-569-8881. (I use their word processing software for my 8-bit). Phil learned of 1st Xlent at our past ATARI SAFARI and wanted to notify me about the new number. He was informed by 1st Xlent administrators that the 16-bit department is phasing out. (May be some sell-out bargains). 1st Xlent stays a viable developer of ATARI 8-bit software.

On stage before the meeting, children milled about a computer, each anxiously waiting to play CROSSBOW with electric gun. (Perhaps a vexation for Joseph Robecky who prepares the demo stage).

8-BIT V.P. DAVID ARLINGTON officially started the FAMILY/CHILDREN program by calling all youngsters onto stage. He presented each child with a door-prize ticket and either an 8 or 16 bit disk full of games.

Children who brought a favorite game disk started the demo session. Others were permitted to play the games too. Some game disks: MIXED UP MOTHERGOOSE, ROBOT KNIGHTS, MR.M, etc. which were former door prizes or club library disks, purchased from our club library or flea market. The kids were having a ball and so did we adults -- vicariously.

Highlight of the program was drawing of prizes; the grand prize being one COMPLETE 8-BIT ATARI SYSTEM. It was won by 6 years old ROBERT ZOPPI JR. Other prizes consisted of 8 & 16 bit software.

Susan Castle took snapshots. I, we are anxious to see them. They might be printed somewhere in this edition.

Membership Chairman MIKE HOCHMAN gave me names of those who renewed

their membership. (Have you renewed?).

CARSTEN P. MARTENSEN	Jersey City
PETER ROTTON	Vernon
BARBARA A. SOKOL	Roselle Park

See you in November.

GENERAL FEATURE

ANNOUNCEMENTS and 8 - BIT DOM by Joseph E. Hicswa, JACG

The Family/Children program precluded some announcements & the 8-bit DOM demo.

ANNOUNCEMENTS

PROGRAMMER'S JOURNAL offers a free trial issue. If you like it pay the subscription price else write CANCEL on their invoice and return it. To see what they offer, call 1-800-234-0386. Tell them you learned it from Jersey Atari Computer Group.

ATARI INTERFACE MAGAZINE (AIM), Sept. page 6 reports INNOVATIVE CONCEPTS is having "Super Summer Sizzler Sale" of 8-bit and ST HARD/software. Download items/prices from: COMPUSERVE, GENIE OR BBS(313) 978-1685. Office/order #(313) 293-0730. If you have that list share a copy with our newsletter.

AIM also mentioned that DAMARK offers ATARI SX212 1200 BAUD Hayes compatible modem for \$19.99 1-800-729-9000 Item #B-374-181504.

AUTHOR NOTE: My catalog lists it as item #B-477-181504 plus S/H \$5.50

DAMARK also offers a SUPERSLIM LAPTOP COMPUTER \$399.99. Item #B-477-175897 S/H \$19.00. 640K RAM, 640x200 resolution, two 3.5 drives, IBM compatible, RS232 serial port, RGB1 port, DOS and rechargeable NICAD batteries. (Can it connect to ATARI with a nul modem?).

Mr. Philip Greenhut is president

of EASTERN VENDING CORP, 761 N. Stiles St., Linden 07036 (1-800-675-VEND) and supplies In-plant & In-office vending. He had hoped to tell members about a labeling program which enthuses him. The program, LABEL MASTER by BLACK MOON SYSTEMS, BOX 152, WIND GAP, PA 18091 "...is better then the one he bought from Kris Holtegarde.", said Mr. Greenhut. "Kris' has some bugs which have not yet been corrected."

A letter from Black Moon to President Greenhut states that LABELMASTER lets you create and edit data on screen. You design labels in a 6 line by 34 character area. Labels may be SAVEed, LOADED from disk. They're compatible with any DOS. A GROUP PRINT function prints out the labels you want. Advanced features make this machine language program a breeze to use. It is very powerful for serious ATARI users. One enterprizing individual uses LABELMASTER to run and maintain his entire video rental business. A local user group maintains a mailing list of its membership.

8-BIT DISK OF THE MONTH (DOM)

Both of us purchased magazines or tech manuals. Perhaps like me, you do not read them cover to cover. You skimmed through to enjoy those articles which interested you. A DOM is like manual or magazine. We skim the programs to select those which interest us. The programs we do you are worth more than the price we pay.

At September meeting two DOM's sold at \$2 each--over 20 files. They'll amuse you for days on end.

JACG J-234D side one has 9 songs with .AMS extender. To play them you need JACG J-110, J-111 or J-112. They explain how to load & play .AMS songs.

Side two contains HICSWA.DOC. Load it into your word processor for a readout of disk contents.

Side 2 .OBJ files require DOS L to run. Boot up DOS 2.0 or 2.5, press L,

Enter (NAME).OBJ. Tap RETURN key.

JACG 235D - DOM #2

Disk is part of an Educational Series. Side 1 teaches Ancient History through questions/answers of Ancient Greece.

Side 2 pertains to Earth Science. The questions/answers pertain to formation and structure of our Planet.

Library disks available at meetings.

Non-members \$6 Members \$3

Mail Order Prices:

Non-members \$7 Members \$4

DOM for next meeting is exciting. Be early, get yours before they're gone.

GENERAL FEATURE

PUBLIC DOMAIN SOURCES

by Ed Salvesen, JACG

With the demise of virtually every publication covering ATARI whose primary 'crime' was to market a cost efficient game package BEFORE the computer glut, I submit three names and addresses. These three had the wherewithal to send free catalogs, indicating a confidence in their product and/or service.

The only drawback in showing these names is that you might abandon the JACG libraries and that would be a mistake for they contain many a program not found in other PD Libraries. Furthermore, as was mentioned at a recent meeting, JACG library sales help defray mounting expenses. I hope to hear questions like: "Do WE have anything like this STARTREK game they're showing?" (YES, 8-bit JACG #1, a 19.5K BASIC version!)

I have a 32K version of the STARTREK program that I have converted

to STAR TREK: THE NEXT GENERATION (Picard/Etc.) and introduces a help function from 'Q', of all people! I will soon be submitting that version for inclusion in the library.

First and most comprehensive is B&C Computervisions, 3257 Kifer Road, Santa Clara, CA 95051 (408) 749-1003, Tues-Fri. 1PM-9PM Eastern and Sat 1PM-8PM Eastern. NOTICE, I gave you EASTERN time equivalents! They have an 800 number for orders only (1-800-969-8810) but you'll be charged for shipping. You may avoid shipping charges on prepaid orders \$20 and up (no personal checks) by using a form that comes with their catalog. They'll accept clear photostats of that form.

What makes B&C so comprehensive is that they sell EVERYTHING ATARI! Hardware and software (computers, drives, LYNXes, accessories galore!), is available for both the 8-bit and 16-bit line. It's the only source for 16 bit PD software that I know of outside the JACG library. They have completed my orders in about 4 weeks.

Another recommendation is BELLCOM, P.O. Box 1043, Peterborough, Ontario, Canada; K9J 7A5. While they are strictly 8-bit PD, they edit the submissions and claim to give only quality software. I endorse them. I love their joystick driven automenu. One caution: Postage to Canada is 5-10 cents more. Their PD was \$.50/disk cheaper than B&C and they've given volume discounts.

The third outfit is C&T ComputerActive, P.O. Box 893, Clinton, OK 73601 (405) 323-5890. 1-5PM EASTERN. They also sell PD for IBM/PCs and Commodore. While their turnaround was about 6 weeks, they WERE the cheapest price AND offered a volume discount!

If you're unsure about certain disks, come to the meetings and ASK! We're here to help each other and yes; it IS legal to purchase just one copy from a PD source and make your own copies from there!

Good luck!

8 - BIT FEATURE

TET-TRICKS

by Ed Salvesen, JACG

I was introduced to Darryl Yong's TETRIS program via one of my PD mail order houses prior to joining the JACG last December. It's a much easier version than the Nintendo hit with its taller, wider "pit".

It's primary drawback (and it's a small one) is the inability to speed up descending pieces without "dropping" them straight down! Both the original and even ATARTRIS (JACG 207D 8-bit) allow such a move. Now, I must make you aware of a new wrinkle: The scoreboard bombs if you play long enough! (Another game with too few scoring digits!)

I have learned to get greedy and leave room for the "stick" right through the first sixty odd lines adding over 10000 bonus points along the way. By then, the game speed forces me into a more conservative approach. When you complete line 80 in the graduating level game, you have reached level 9, the fastest speed in the program. From there on, the rest of the pieces cascade down in uniform speed. When you complete line 90, even if it is with only an inch remaining, the entire pit is erased with a flashing fanfare and another bonus is added to your score. Then, with the pit now empty, pieces keep coming as if to dare you to survive!

Survive, I did!

After you play your very first game of TETRIS.OBJ, a file is opened called TETRIS.HSC which recall high scores. As you probably know, the numerals and initials are stored in this file using ASCII characters.

Experimentation has led me to discover that after a score of 65535,

the file subtracts 65536 from your game score as it searches to see if it is in the top three. 65536 should look familiar! Yep! It's 64K! Just another game maxed out! Sorry about this stale 'Easter Egg'!

Dave A!, what do you make of this?
[EDITOR'S NOTE: The topic of this is covered in an article next month with a conversation Ed had with the author of this game program. Not to give too much away, but since Mr. Yong has gone on to other types of computers, if Ed could get me the original Action! source code for this program, I could probably implement a fix for it.] Mr. Yong, as part of his release to the public, requires that no one make any changes to his program.

The glitch annoyed me enough to send him a letter. You will see the results of that letter next month.

With nowhere else to go, I suggest you stay with ATARTRIS after you master TETRIS. At least ATARTRIS allows scores over 100000!

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Noise from the Vice-President
16-bit (ST)
- D. B. Noyes, JACG

JACG BBS

I am surprised that there isn't a groundswell of emotional controversy relative to the ongoing non-existence of our JACG BBS. We have new software, a new, large capacity hard drive, and a repaired and completely functional ST computer (in fact, all have been available for some time). It's been so long since I've been able to access the BBS, that I've even forgotten the phone number (it's a good thing that the number still resides within my terminal program)!

Although I spend some not insignificant amount of terminal time on GENie and Compuserve, and although the Blank Page BBS has been serving yeoman (and to avoid sexism) yeowomanship duty as a JACG BBS surrogate, it somehow is not the same as being able to access OUR own BBS. If anyone, in their travels finds our BBS, please let me know where it is.

MORE PET PEEVES

Have you ever filled out a questionnaire on which you are asked what type of computer you own? I've learned over the years that I don't own an ATARI anything. I own an "other" computer. Yep, I have a 4 meg 16-bit "other" computer. And don't you just get sick to the stomach when someone extols the virtues of the latest "Windows 3.0". I have "Windows" loaded on my 386 SX notebook computer...and it doesn't come close to the "GEM" environment that the ST have always been able to operate within.

ON THE PD FRONT

Just two double-sided disks for John Dean and the ST Library this month. Between a (minor) billing problem with GENie and my youngest daughter's wedding, I've had less than the normal monthly opportunities to download massive numbers of files. Those of more than mundane significance I will demo at the meeting. Suffice it to say that there is still plenty of new uploaded ATARI ST material available for download.

THE INFORMATION SERVICES

For some time now GENie has had something called "Star Services", which basically are several services, news, weather, encyclopedia, etc. which are available for a minor monthly charge...with no connect time charges. Now Compuserve has a similar service which for me, is more attractive, since Compuserve has a local node to which I can connect as a local call (to reach GENie I must call Boonton, which is a within New Jersey toll call for me).

ELECTIONS

It is getting close to that time again. Nominations at the October meeting (and the beginning of the November meeting) for officers. I have no doubt but that we will again be ably served by a few members who wish to do more than only sit and be entertained, stay at home and read the NEWSLETTER, or access the BBS to the exclusion of any other participation.

NEW DISKS IN THE JAGG ST LIBRARY FOR OCTOBER 1991

JACGLSEA.253

This is a **GAME** disk

AHLBASIC.APP The Basic programs in this file are stored in ASCII format so they can be edited from 1ST Word (or any word processor) and run from ST BASIC. The .BAS extension is used on the filename so ST BASIC will not have any problems with loading (or saving) the programs. First set screen resolution to Medium and then load ST BASIC. To run a program from ST BASIC, simply select the File menu from the Menu Bar and click on the program you want to run. (Warning: The programs are big and take a long time to load.) When "OK" appears in the Command Window, type RUN and you're off and running.

There are a variety of Games and some utilities in this file, among them APPALACHIAN TRAIL, MARCO POLO, MAILLIST, SUBWAY, LUNARLANDING, etc., etc. Have fun! David H. Ahl

F_FIGHTR.APP This is an arcade style shoot'em up game. There are six screens that you have to get through to get to the next level. There are three levels to win the game. Low Res only

MONOPOOL.APP The object is to pot as many balls as possible before losing your three goes. You lose a go every time you pot the cue ball, or fail to pot a ball in three shots. Using the mouse, position the cross on the table, in the direction that you want the cue ball (the plain one) to go. Then, when the speed indicator at the bottom of the screen, has got to the required value, press the left mouse button. This will cause the cue ball to go in the required direction. Mono

SNOWBALL.APP It's August and what better time for a snowball fight? You don't even have to live in the Arctic Circle; just boot up DC Snowball Fight and take out all your aggressions on the opponent of your choice! DC Snowball Fight is a two-player game that simulates the thrills, chills, and spills of the popular winter pastime children all around the world enjoy when the Nintendo is broken. Yup, just good clean fun. Have at it, folks! Color

JACGLSEA.254

This is an **APPLication** disk

ALMANAC.APP This almanac program was written by Mike Vandervoort and is based on articles in Weather Wise magazine. It derives various parameters of the sun and moon including rise, set, etc. on a day by day basis. It also gives dates of equinoxes, solstices and Easter. MH

BANRMAKR.APP The BANNER MAKER program from RUBICON SOFTWARE will allow you to generate banners on ANY printer. The options allow for multiple font styles, and banners of 1, 2 or 4 lines of text. The program takes complete advantage of GEM and The Operating System (TOS). It will function with either a Color or Monochrome monitor in Medium or High Resolution. (It will work in Low Resolution on the Color monitor, but the screen will not look correct.) Along with the fonts supplied, most of the fonts created for D.E.G.A.S. will also work with this package. The single height fonts will work, while double height fonts will not. I have found 60% of the fonts do work.

NEW_SNDS.APP NEWSOUNDS includes 5 different categories of digital sounds for your ATARI ST as follows:

BEEP In 1989, Dan Wilga released a Public Domain program called "newbell" that replaced the boring "ding" sound the ST makes with a digitized sound. Unfortunately, newbell only allowed certain playback speeds, all of which were incompatible with sounds sampled on the Mac. Here's a new program that does the same thing, but allows sample playback speed to be specified in Hertz.

CLICK Are you completely sick of the cheesy ST keyclick? Do you envy those Mac users who can make their keyboards sound like 1929 manual typewriters? Well, wait no longer! This program will let you install a different digital sound for every key on the keyboard! Are we having fun yet?!

DIGIVECT "My ST was so boring before I got Digivec!" "Programming just isn't the same without it." "I just wouldn't know what to do if someone took away my Digivec!" You'll agree with these happy customers once you too try the exciting new shareware utility that's taking the ST world by storm! It's Digivec, and once you install it on your system, you won't know how you ever lived without it. Got your attention? Good. Okay, listen up. Digivec lets you install digitized sounds to be played when various system events occur. Like bus errors. Illegal instruction traps. Or line A calls. Even... GEM critical errors (gasps!).

OATBRAN Remember the good old days, when you didn't NEED a screen saver because one was built into the computer? Well, those days are gone, and now it seems we've been overrun by little "qix" thingles. If you owned an Atari 8-bit, you're gonna love this screen saver. Just put it in your AUTO folder. It only uses 3K, but OH the memories!

PLAY Dave's Quick and Dirty Sample Player Version 1.25 By Dave Baggett. This program is FREE. This utility will play 8-bit sound samples. Isn't it "nifty" how those Mac people can make their computers play

NEW DISKS IN THE JACG ST LIBRARY FOR OCTOBER 1991

digitized sounds when they boot up? Well, now you too can experience the tremendous joy of hearing your machine make some obnoxious noise when you turn it on. Put play.prg in your AUTO folder. Use autosort to make play.prg the first thing to get called on bootup. NO it's not a requirement that play.prg get called first, it's just more Mac-ish that way.) Then create a file called play.inf with a text editor containing lines like

```
<Hz> <pathname> <Hz> ... <pathname> <Hz>
```

where <pathname> is the the name of a sample file and <Hz> is the playback speed in Hertz. Then REBOOT! (Make sure the volume's turned up so ya can hear it...)

PERIODIC.APP If you need to look up information from the periodic table often, you will find this program from Sol Guber helpful. There two versions, a program and an accessory. M-H

STWEL_43.APP This update to JACGLSEA.239 (STWEL40.APP) has FIXED the followg bugs: -4.1 The first bug in over a year has appeared: A file terminated with a string of ^Z (as from an XMODEM file) would never terminate when printing to a disk. This is fixed. -4.1 The print device defaults to Printer, but if changed remains as set. -4.2 The help key activates a scrolling help dialog box on the Edit screen. -4.2 Numerous display glitches have been tracked down and done away with. -4.3 Fixed bug in page wait on print-to-screen which prevented the menu from redrawing properly.

As always, any bugs, let me know. Bruce Noonan, M.D., Compuserve [72407,504] or Genie [B.Noonan]

SUNMOON2.APP Here is something that will test the number crunching ability of your ST. There are some fairly extensive trigonometric calculations in places. This program computes data for the sun and moon. It was made with the intent of printing monthly tables of sunrise and sunset or moon rise and moon set. The program is based on several articles published in Weatherwise magazine and expanded upon to add an easy to use user interface. The program was first written on a Prime computer using Fortran 77. It was then converted to Megamax C for the Atari ST. Finally after discovering the floating point calculations were fairly slow, it was converted to GFA basic which was about 5 times faster.

JACGLSEA.255

This is an **APPL**ication disk

ASTROCAL.APP This program generates astronomical calendars (specifying dates and times of moonrise, moonset, sunrise, sunset, moon phases,

equinoxes, and solstices). MH

CLASS_30.APP CLASS is a combination database and spreadsheet for teachers. It's easy to use, fast, flexible, and with more truly useful features than any other electronic gradebook. (But I may be biased; compare for yourself!) I've been using versions of this program for my own classes, some of which have had over two hundred students, and frankly, it's indispensable.

At heart, CLASS is a computerized class roster, providing a record of students and their grades. But the version you have will do that and much more, including the following (* indicates new features in v.3.0; + indicates improved ones):

- + -- alphabetize, store, and print a list of all students in the class, personal comments, and their grades

- + -- store and display up to 30 grades, including the GPA/AVG and the final grade, for each student. With the grade transfer function, the number of grades possible per student is practically unlimited. -- rank students according to their scores on any assignment -- calculate current or final averages for each student -- act as a "grade calculator" for unrecorded grades -- determine the letter grade that corresponds to each student's score

- + -- calculate the frequency, mean, variance, and standard deviation for each grade or assignment

- + -- display a table and graph of the distribution of grades for each assignment -- let you record letter grades quickly using the number keypad

- + -- allow you to set and change the ranges and weights for each grade

- * -- let you set a "curve" for any assignment or for the GPA or final grade, and calculate grades accordingly -- let you experiment with different curves and immediately see the results in graph form -- transform all grades and files recorded as scores into equivalent letter grades

- * -- automatically set or adjust the ranges for each grade based on either the maximum score or a normal curve -- automatically check for typos when recording grades

- + -- print roster with single, double or variable spacing

- + -- print names only, parts of a record, or names and a grade, in single or double columns -- merge two or more files together

- * -- transfer grades or names from one roster to another

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* -- erase or rename disk files from within CLASS
-- do all of the above for either number or letter grades

C_BURST2.APP Color Burst is a paint program allowing use of 200 palettes per screen. Dynamic interlacing allows over 3000 colors on an ST and over 29700 colors on an STe. Source code in Laser C included. Color ONLY!

DELTA_X.APP Feature-packed disk labeler from Germany. MONO ONLY. Don't worry about the bombs displayed when exiting this program...the author has a weird sense of humor! Docs in German only. Use GERM2ENG (JACGLSEA.256) to translate.

DIARY2.APP Throw away your diary and use DIARY.PRГ the new way of entering all those entries each day and also your friends numbers using yellow pages and do forget that birthday with pager. Be careful with your original file. The Password System (to keep out snooping siblings, etc.) writes itself to the original program, and if you forget it, you're out of luck. Ned Rez only.

FB17.APP First Base is suitable for medium size database applications and is quite fast since data is memory resident. Searches, sorts, limiting ranges, output in varying formats to printer or file are supported. Freeware. Update to JACGLSEA.200 M-H

LITEMAIL.APP LIGHTMAIL is designed to handle a mailing list of about 3500 labels or more labels on a 1040ST, about 500 or more on a 520. A club, small business, or individual should find it easy to enter new labels, change existing labels, delete labels, or print labels. LIGHTMAIL will print labels one(4" x 1 7/16), two(4" x 1 7/16), up (across), or even three(3 1/2 x 15/16) up --if you have a printer that can be manually set for compressed print. It will print tractor feed labels, or one page at a time. The program is totally GEM-based, relying on dialog boxes to 'walk' the user through the program.

JACGLSEA.256

This is a UTILITY disk

DIVERT.APP The Drive Divertor allows you to run software that is designed for floppy only systems to be ran on a hard disk. This is achieved by intercepting any disk accesses at GEMDOS level before the Operating System gets its hands on them. The divertor should be compatible with all versions of TOS since it preserves all registers and stack contents, and makes no un-documented calls (it's STe friendly).

DISPLAY.APP The Revenge Document Displayer will load, display and print out any ASCII document. You can scroll documents up and down at amazing

speeds, search for special characters, words, or phrases, print out parts of a document, and much much more... Currently two sorts of special documents are supported, Encrypted documents and Packed documents. Encrypted documents are used to enable you to distribute your text files without worrying about other people altering them, because they won't be able to make any sense of it... Only the RDD will be able to de-cript the text...! The encryption program 'CRIPT.TOS' is supplied with the RDD. Packed documents are supported to allow you to put as many documents on a disk as possible. To pack a document, use the brilliant 'Pack Ice v2.20'.

FS1_02.APP FILESELECTOR SHELL was inspired by the growing number of various Fileselectors available. replacement fileselectors are very difficult to do without once you use them. They offer instant access to many disk operating functions which are otherwise awkward to summon from the typical desktop. FILESELECTOR SHELL simply allows access to your custom fileselector and the enhanced functions without depending on an accessory call. Simply double click on FS.PRГ and you have instant access to the fileselector installed out of your auto folder during boot-up. FILESELECTOR SHELL works in all three standard ST/MEGA resolutions.

GRM2EN12.APP This program converts German text to English. If the text has any unique German characters, the file has to be changed with CHANGE.PRГ. The search algorithm is optimized for speed. File size is only limited by disk space. Program by Carlos Varela, (c) by the Walking Spirit. In the Public Domain.

HEX_DEC.APP HEX_DEC is a program used for converting decimal numbers to hex and vice versa. To convert to hex just press the letter h and enter your decimal number. To convert to decimal just press d and enter your hex number. To clear the screen press c and to quit press q.

HEX_DUMP.APP The HEX_DUMP program reads a file-selector chosen file, then it writes a combined hex/ascii dump to a file-selector chosen disk file. The output file can be printed from the desktop or it can be loaded into a word processor such as TEMPUS or 1st Word + for manipulation and/or printing. The program was designed to handle executable files, primarily; but it will process any file, of course.

PACKICE.APP Allows packing of programs and data files. NOTE: This program doesn't save the original file, it deletes it! Backup the original program before packing it!

RTRNLBL.APP RTRNLBL.PRГ is a GEM based return label maker and it should work with most Epson

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compatible printers. It was designed to run in mono, but will work on a color monitor also. M-H

SHREDR.APP Shredr Plus is about privacy and protection. Normally when a file is deleted by the ST operating system it can actually remain on the disk for quite some time. This is because deleted files are only flagged as being "disposable". The file itself will stay on the disk until its space is reused by a new file. Shredr Plus is the answer to your problems. When you are absolutely, positively sure that you want to erase a file, *forever*, use it to do the job. Shredr Plus will open your file and overwrite each and every sector with garbage characters, totally jumbling the contents of the the original file. It will be virtually impossible to ever recover a file that has been "shredded" with this program.

STBOARDS.APP BCS_BBS is a listing of several ST Sigs from the Boston Computer Society. You may find some these files of interest to you. PIC091SP.TXT is The Pico-ST Bulletin Board List, Spring 1991. Copyright 1991 by John Lockard. This listing will give you TELENET access codes, baud rates, BBS phone numbers (including the Boston Computer Society) and lots of other goodies for you modem fans.

STSWEP19.APP STSWEP19 is patterned after the CPM/MSDOS PD program called SWEEP. STS is basically a directory / file manipulation program allowing access, to drives 'a' thru 'p', and any directory / file on these drives. The main options of STS are: * Copy a file or copy all tagged files * Delete a file or delete all tagged files * Exit * Free space display on the current drive * Hex file display * Log to a new drive * Move a file or move all tagged files * Print a text file * Quit * Rename a file * Switch to a new directory * Tag a file or Tag all files * Untag a file or Untag all files * View a text file

TURTLE32.APP TURTLE Version 3.20 December, 1990 A hard disk backup utility by George R. Woodside. TURTLE is an extremely fast hard disk backup utility program. It requires no special hardware, and the floppies written are standard TOS disks. To accomplish this speed, certain simple steps must be taken. TURTLE requires just about all the RAM you have in a one megabyte ST (for double sided disks). You should disable any accessories, and remove any unnecessary programs from your AUTO folder, before running TURTLE. You may re-establish your accessories and AUTO folder programs once the backup is complete, but TURTLE will need the RAM during the backup. The speed of this program will make the minor inconvenience of a little file manipulating well worth it. If your system has more than a one megabyte ST, you shouldn't need to disable any /AUTO programs or accessories. EXCELLENT! Updates JACG_LIB.155

JACGLSEA.257

This is a UTILITY disk

144UTIL2.APP 1.44 Meg HiDensity Disk Utilities for ALL 1.44Meg Upgrades but especially designed for "PowerDrive" from DreamPark Development..ST Informer. HiDensity disks have brought almost Hard disk abilities to floppies on the Atari...but have been lacking in fullspeed performance and the ability to make "quick" sector backups or lowdensity disk transfers. These utilities (Hyperformater3.26H and XUTI.ACC) do the foregoing, not presently possible with Powerformater, by acting in concert with each other. Version 2 now includes Hyperformater3.26X.....a dedicated 22 sector formatter that makes 1,902,520 disks that run at 25,500/sec raw rate.

2BSFKEYS.APP This program allows you to assign a text string to your function keys. You can assign F1 through F10. You can also assign Shift-F1 through Shift-F10. After running the program & assigning your text to the function keys you can then run other programs (e.g. text editor, word processor) and press a function key to print often used text (e.g. name, address).

ARCSHL25.APP ARC Shell 2.5 now takes advantage of a special communication "pipeline" built into CodeHead Software's MaxiFile III, that lets you use MaxiFile to select multiple files for archiving — even files from different directories — all in ONE move! Now you can choose everything you'd like to archive, and walk away from the computer while it does the work for you. No more waiting to select the next file. ARC Shell 2.5 fixes the bug in 'Extract w/Query' mentioned above in the 2.3/2.4 notes. To recap, ARC Shell would sometimes fail to display all files in an LZH archive. Now, all files in an LZH archive are displayed correctly in ARC Shell's 'Query' dialog box.

ARGUS.APP Argus & Xargus were written to provide an easy way to keep track of what a program currently running is doing (reading) on the disk. Argus intercepts the Bios call RWABS (see you bios doc) and displays the parameters. It also displays the address from where the bios was called, as well the error number returned by the bios. (If you don't know what I'm talking about here, don't worry, you won't need using these programs then.) Xargus does a similar thing to the XBIOS call Floprd. (Xbios call #8)

AV375.APP Ascii-View is simply an ASCII text viewing program that was developed to replace the boring, plain, dull, monotonous, inflexible [Show]-[Print]-[Cancel] feature of the standard ST Desktop. It does this by allowing the user to easily view an Ascii

text file with a myriad of features not available from the standard ST desktop or from the multitude of text viewers currently available in the ST market place.

This version is a major update to JACG_LIB.176. The user interface has received a MAJOR face lift and is [hopefully] more intuitive and cosmetically appealing. Ascii-View now sports 100% keyboard equivalents instead of the pseudo keyboard equivalents it used to have. Two scrolling speeds are now supported, one blazingly fast the other slow and crystal clear. An off screen drawing routine was developed to enhance the appearance of screen draws and of paging text. Accessories may now be used from within Ascii-View. Forty eight lines of text can be displayed if used with a monochrome monitor. Ascii-View remembers the last 10 files that it has loaded and any of these files can instantly be recalled. The search routine remembers the last 10 words or phrases that have been searched for which can in turn re-searched. A 'Set Marker' feature has been added that allows you to set markers at any location within your file, or it can automatically divide your file into 10% increments. Once a marker has been set you can go instantly to the place in your file with just the press of a button or key. The Block feature has been reworked and includes the ability to append a block of text to an existing ascii text file.

BUTTNFIX.APP If you have TOS 1.4 or above and have had trouble with some applications receiving "double" mouse clicks when you only click once, you need this tiny desk accessory! It consumes less than 400 bytes, and makes the problem go away almost completely. Freeware. L-M-H

CD3_CDAR.APP This is a quick and dirty way to get a nice compact printout of your hard drive directory. Good to use just before a back up or just to keep a record. It uses the smallest printing mode of both the HP Deskjet (and I assume the HP LaserJet) and also superscript mode of an Epson compat. This baby will fit a list of about 10 meg worth of files (8 meg with an Epson) onto ONE PAGE for easy cross referencing and quick referencing. Works VERY fast too. If you have an HP, you can save some ink by selecting DRAFT on the front panel switches. The program does not change that setting.

CHKHD81.APP This program monitors important hardware values of hard disks available for the ST and times access and transfer rates. It was written to create a low-level standard test for hard disks. To ease fair comparison among hard disk for the ST, some hard disk manufacturers made up their mind to include CHECKHD on their system disks. This way, we hope to help ordering arguments in those 'my hard disk is faster than yours' discussions. CHECKHD is a

GEM program and should therefore be easy to use.

DCMSTICK.APP DC Mouse Stick allows you to use a joystick to emulate a mouse on the ST, STe or TT computer. You can plug the joystick into port 0 (normal mouse port) or port 1 (joystick port).

DCSLICK2.APP DC SLICK SHIFT v1.01 will emulate either the LEFT or the RIGHT mouse button using any combination of modifier keys (CONTROL, ALTERNATE or SHIFTS). This new version is PinHead 1.8 compatible. This is a must for STacy owners (or others too!) who get "trackball cramp." It's ST, STe and TT compatible. L-M-H

FORMAT.APP Yes, Virginia, its another disk formatter. This one is set up as a desk accessory, or can be run from the desktop by renaming the .ACC extension to .PRG. The usual bunch of features are supported, as well as a selection to format multiple disks. Copyright 1990 by Bev Brown and Channel One Computers.

WHATIS46.APP WHATIS is a simple program that will identify 84 different types of files. It is mouse-driven and is easy to use; everything is done from a single dialog box. This version will work as either a standalone program or as a desk accessory... just rename the program file to .PRG or .ACC for which-ever you prefer. Whatis runs in any resolution on any ST or TT, and uses under 10K of memory.

ST LIBRARY DISKS

New disks are added to the JACG ST disk library every month. If you have a need for something in the PD and/or Shareware world that we do not already have, we will do our best to get it for you.

Disks are available by mail order. The cost is \$5.00 each, which includes mailing cost. Send your order, and check (made out to J.A.C.G.), to:

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